

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
 Data File : VU063455.D
 Acq On : 25 Jun 2025 13:02
 Operator : MD/SY
 Sample : Q2126-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Quant Time: Jun 26 01:55:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 26 01:53:14 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.100	96	48341	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	13929	0.785	ug/l	0.00
Spiked Amount 1.000			Recovery	=	78.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	14010	0.786	ug/l	0.00
Spiked Amount 1.000			Recovery	=	79.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	4164	0.224	ug/l	93
3) Chloromethane	1.518	50	6425	0.263	ug/l	94
4) Vinyl Chloride	1.599	62	4665	0.223	ug/l	97
5) Bromomethane	1.849	94	3489	0.348	ug/l	96
6) Chloroethane	1.927	64	3259	0.263	ug/l	95
7) Trichlorofluoromethane	2.129	101	5542	0.232	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	3067	0.241	ug/l	94
9) 1,1-Dichloroethene	2.567	96	3080	0.243	ug/l	97
10) Iodomethane	2.708	142	2116	0.207	ug/l	99
11) Allyl Chloride	2.911	41	5636	0.249	ug/l	94
12) Acrylonitrile	3.309	53	1692	0.461	ug/l	92
13) Acetone	2.624	43	3600m	0.979	ug/l	
14) Carbon Disulfide	2.776	76	10561	0.239	ug/l #	92
15) Methylene Chloride	3.030	84	6710	0.417	ug/l	97
16) trans-1,2-Dichloroethene	3.332	96	3669	0.257	ug/l	91
17) 1,1-Dichloroethane	3.846	63	6700	0.223	ug/l #	93
18) 2-Butanone	4.724	43	4931	0.963	ug/l	97
19) Cyclohexane	5.357	56	5365	0.236	ug/l	96
21) 2,2-Dichloropropane	4.640	77	4885	0.229	ug/l	97
22) cis-1,2-Dichloroethene	4.647	96	3966	0.254	ug/l	86
23) Diethyl Ether	2.374	59	2613	0.228	ug/l #	87
24) tert-Butyl Alcohol	3.200	59	3429	2.842	ug/l #	80
25) Methyl tert-Butyl Ether	3.361	73	7678	0.222	ug/l	93
26) Bromochloromethane	4.952	128	1235	0.204	ug/l	92
27) Chloroform	5.074	83	6711	0.239	ug/l	99
28) 1,1,1-Trichloroethane	5.287	97	5182	0.227	ug/l	96
29) 1,1-Dichloropropene	5.505	75	4629	0.222	ug/l #	84
30) Carbon Tetrachloride	5.499	117	3935	0.216	ug/l	97
31) Isopropyl Ether	3.997	45	10073	0.215	ug/l	83
32) Ethyl-t-butyl ether	4.509	59	9230	0.232	ug/l	98
33) Tert-Amyl methyl ether	5.949	73	5753	0.202	ug/l	95
34) Propionitrile	4.785	54	1847	1.248	ug/l #	85
35) Benzene	5.759	78	14712	0.234	ug/l	97
36) 1,2-Dichloroethane	5.785	62	4000	0.217	ug/l #	88
37) Trichloroethene	6.534	130	3420	0.230	ug/l	100
38) 1,2-Dichloropropane	6.785	63	3977	0.229	ug/l	91
39) Methacrylonitrile	4.984	41	1432m	0.232	ug/l	
40) Methyl acrylate	4.859	55	2073	0.240	ug/l #	84
41) Tetrahydrofuran	5.074	42	1597	0.482	ug/l	99
42) 1-Chlorobutane	5.438	56	7181	0.243	ug/l	93
43) Dibromomethane	6.923	93	1654	0.204	ug/l	94
44) Bromodichloromethane	7.103	83	4429	0.224	ug/l	93
45) 4-Methyl-2-Pentanone	7.807	43	8900	1.020	ug/l	91

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46) t-1,4-Dichloro-2-butene	10.827	75	1479m	0.516	ug/l	
47) Methyl methacrylate	6.984	69	1994	0.317	ug/l #	92
52) 1,1,2-Trichloroethane	8.393	97	2621	0.221	ug/l #	84
53) 1,3-Dichloropropane	8.573	76	4368	0.214	ug/l	100
54) 2-Hexanone	8.705	43	6516	1.113	ug/l	81
56) 1,2-Dibromoethane	8.923	107	2050	0.213	ug/l	96
58) Tetrachloroethene	8.541	164	3215	0.220	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.524	131	2797	0.210	ug/l	98
61) Pentachloroethane	11.421	117	2350	0.216	ug/l	94
62) Hexachloroethane	12.463	117	2075	0.213	ug/l	86
64) m/p-Xylenes	9.692	106	8302	0.358	ug/l	89
70) 1,1,2,2-Tetrachloroethane	10.778	83	3574	0.235	ug/l #	96
71) 1,2,3-Trichloropropane	10.817	75	2993m	0.241	ug/l	
80) Nitrobenzene	13.232	77	1260	1.820	ug/l #	46
82) 1,3-Dichlorobenzene	11.743	146	6441	0.212	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	6679	0.212	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	6320	0.217	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.994	75	486	0.233	ug/l #	83
87) 1,2,4-Trichlorobenzene	13.843	180	4482	0.277	ug/l	96
88) Hexachlorobutadiene	14.013	225	2800	0.244	ug/l	96
89) Naphthalene	14.097	128	9479	0.351	ug/l #	93
90) 1,2,3-Trichlorobenzene	14.328	180	4162	0.258	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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